KETTERING

RURAL DISTRICT COUNCIL.

MEDICAL OFFICER'S

AND

NUISANCE INSPECTOR'S

ANNUAL REPORTS

FOR 1896.

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TO THE KETTERING RURAL DISTRICT COUNCIL.

GENTLEMEN,

In presenting to you my Twenty-Fourth Annual Report, I am pleased to say that the District has been in a healthy condition, and almost free from infectious disease during the past year.

The population of the District was returned in my last Report as 10,000; it is probable that there has been a slight increase on that number during the past year, owing to the erection of many new houses at Burton Latimer, but as in some of the smaller villages the number of inhabitants is probably slightly less, I propose to base my calculations of death and sickness on the same population as that of 1895.

	Males.	Females.	Total.
The number of Births during 1896 were	125	146	271
The number of Deaths...	71	75	146
The Birth Rate was	27.1 in the 1000		
The Death Rate	14.6 in the 1000		
The Zymotic Death Rate	1.2 in the 1000		

Owing to the Division of the District in 1891, I am unable to go farther back than that date for comparison.

	Birth Rate.	Death Rate.	Zymotic Death Rate
1892	35.6	14.3	.7
1893	26.5	16.7	.3
1894	24.7	15.1	1.5
1895	27.9	16.2	1.4
1896	27.1	14.6	1.2

Here follow the Tables of Statistics of illness and death required by the Local Government Board, to which I have added the causes of all the deaths during the year :—

TABLE OF DEATHS

During the Year 1896, in the Kettering Rural District Council, classified according to Diseases, Ages, and Localities.

Names of Localities adopted for the purpose of these Statistics; public institutions being shown as separate localities.	Mortality from all causes, at subjoined Ages.						
	At all Ages.	Under 1 Year.	1 and under 5	5 and under 15	15 and under 25	25 and under 65	65 and upwards
Kettering Rural.....	146	33	18	4	6	24	61
Totals	146	33	18	4	6	24	61

Mortality from Subjoined Causes, distinguishing Deaths of Children under Five Years of Age.

Names of Localities adopted for the purpose of these Statistics, public institutions being shewn as separate localities.		Membranous Croup.	Measles.	Whooping Cough.	Diarrhœa and Dysentery.	Phthisis.	Bronchitis, Pneumonia, and Pleurisy.	Heart Disease.	Influenza.	Injuries.	All other Diseases.	Total.
Kettering Rural	Under 5	1	4	5	2		16				26	54
	5 upwds					6	7	14	3	3	59	92
Totals	Under 5	1	4	5	2		16				26	54
	5 upwds					6	7	14	3	3	59	92

TABLE OF POPULATION, BIRTHS, AND OF NEW CASES OF INFECTIOUS SICKNESS,

Coming to the knowledge of the Medical Officer of Health, during the year 1896, in the Kettering Rural District Council, classified according to Diseases, Ages, and Localities.

Names of Localities adopted for the purpose of these Statistics, Public Institutions being shown as separate localities.	Population at all ages.		Registered Births.	New cases of sickness in each locality coming to the knowledge of the Medical Officer of Health.						Number of such cases removed from their homes in the several localities for treatment in Isolation Hospital.	
	Census 1891.	Estimated to middle of 1896.		Age under 5 or over 5.	Scarlatina.	Diphtheria.	Membranous croup.	Enteric or Typhoid.	Erysipelas.	Scarlatina.	Enteric or Typhoid.
Kettering Rural	9802	10,000	271	Under 5	7		1	1			
				5 upwds	28	4		3	16	3	1
Total ...	9802	10,000	271	Under 5	7		1	1			
				5 upwds	28	4		3	16	3	1

CAUSES OF DEATHS.

Apoplexy	8	Gangrene	1
Meningitis	1	Hip-joint Disease	1
Convulsions	6	Measles	4
Paralysis	2	Whooping Cough	5
Epilepsy	2	Croup	1
Heart Disease	14	Diarrhœa	2
Bronchitis	16	Influenza	3
Pneumonia	7	Obstruction of Bowels ...	1
Phthisis...	6	Atrophy	12
Cancer	11	Premature Birth	3
Peritonitis	2	Cyanosis	1
Enteritis	1	Child Birth	1
Stomach Disease	2	Senile Debility...	16
Liver Disease	7	Bladder Disease	1
Kidney Disease	2	Injuries	3
Abscess	2		—
Diabetes	2	Total	146

Measles has visited several of the villages in this district. In March the Schools at Loddington were closed in consequence of the prevalence of this disease, and the same course was pursued at Pytchley in April, and at Barton Seagrave in May.

The illness did not present itself in a virulent form, and only 4 deaths were recorded; these occurred 2 at Pytchley, and 2 at Loddington.

Scarlatina.

Scarlatina has occurred in the following villages in the order named: Cottingham 1, Burton 10, Warkton 9, Cransley 5, Broughton 2, Pytchley 7, Grafton 1.

Three cases were removed to the Kettering Hospital, 1 from Burton, 1 from Warkton, and one from Grafton. No fatal case was recorded.

The Schools at Cransley and Pytchley were closed in consequence of this illness.

Diphtheria.

Four cases of Diphtheria occurred, without a death, 2 at Cottingham, 1 at Pytchley, and 1 at Great Oakley.

Influenza.

Influenza has been prevalent during several months of the year, but in a very modified form in many of the cases, but 3 deaths occurred, 1 at Loddington, 1 at Burton, and one at Weekley.

Diarrhœa.

Only two deaths were caused by Diarrhœa, both in infants. There was no Cholera in the district.

Chest Diseases.

The deaths from Bronchitis and Pneumonia were exactly the same in number in 1895 and in 1896, while those from Phthisis were 2 more in the latter year.

Typhoid Fever.

Typhoid Fever occurred as follows: Two cases at Burton Latimer, and 2 at Stanion. One of the Burton cases was removed to the Kettering Hospital: all of them recovered. All four of these cases were caused by drinking impure water. The well at Burton Latimer which had caused the outbreak in 1895, owing to the "tailing back" of the overflow of a drain into the well, had been thoroughly cleansed, and in February of 1896 was again used for domestic purposes; very shortly the cases named above fell ill, and the well was again closed, after which no further case occurred. At Stanion the water from a well close to a farmhouse was the cause of the

Notification of Infectious Diseases.

outbreak there, a severe and very tedious case being the result. No case of Typhoid has occurred in this district since May, a very encouraging state of things.

The Notification of Infectious Diseases has again been useful, and worked well. This is the record :—

Scarlatina ...	35	Cases ...	No death
Typhoid Fever...	4	Cases ...	No death
Croup ...	1	Case ...	1 death
Diphtheria .	4	Cases ...	No death
Erysipelas ..	16	Cases ...	No death
Total ...	60		

Isolation Hospital.

The New Isolation Hospital erected by the Rural District Council is now nearly completed, and will be transferred at once to a Joint Board composed of Members of the Urban and Rural Councils. It is a distinct building, capable of providing accommodation for 12 adults, and will be conducted by the same staff as the Urban Council Hospital. During the past year the more urgent cases of infectious disease have been removed to the Urban Hospital. Four cases were removed, 3 of Scarlatina and 1 of Typhoid, 1 of Scarlatina and 1 of Typhoid from Burton Latimer, 1 of Scarlatina from Warkton, and 1 from Grafton Underwood. All recovered, and the removal in each case was the means of arresting the spread of the diseases.

Ise Brook.

During the dry months the condition of the Ise Brook was very bad, but since the occurrence of the recent floods it has very much improved. The Kettering Urban Council has now purchased 30 acres of land, and will thus be enabled to precipitate and filter the effluent from their Sewage Works, so that it will pass into the brook in a pure condition, and further contamination of the water will be prevented.

Water Supply.

Arrangements have been made for a good supply of pure water for Pytchley, which will be a great advantage to the inhabitants.

Burial Grounds.

A new Burial Ground, of about a rood in extent, has been provided at Pytchley, and a piece of ground for the same purpose has been purchased at Corby, the site of which is excellent both as to locality and soil.

Factories, Dairies and Slaughter Houses.

The Factories, Dairies, and Slaughter Houses have been inspected and generally found in a cleanly and wholesome condition.

Your Inspector, Mr. Norwood, has been constantly at work in all parts of the district; his willing and efficient help has relieved me of much labour and anxiety in the management of sanitary matters and the prevention of the spread of disease.

In conclusion, I have to thank you heartily for your courteous consideration of all the recommendations of your Officers during the year 1896.

I am, Gentlemen,

Your obedient Servant,

J. WINTER DRYLAND,

Medical Officer of Health.

KETTERING RURAL DISTRICT COUNCIL.

Inspector of Nuisances Report, 1896.

During the past year I have made 385 inspections in the district, and have travelled over 2,000 miles in making them.

170 cases have been dealt with by the Council. 38 notices to abate nuisances have been issued.

One case of overcrowding has been abated. Summonses were issued in one instance, but the offenders complied with the notice issued, and paid costs.

Public Health Certificates for New Houses have been granted at Burton Latimer, Broughton, Corby, and Geddington.

At Burton Latimer and Broughton, owing to the laying out of new building estates, and the erection of houses, bye-laws have been applied for, and probably will shortly be in force.

At Burton Latimer, to complete the Ball's Lane improvement, a new socket drain has been laid; and in Alexandra Street, a defective drain has been taken up and re-laid. Samples of water from public and private wells have been tested and some of the wells closed. The Parish Council have provided a new public well and pump in a thickly populated part, supplying a much needed want.

At Broughton, new drains have been laid, and a loan for further Sanitary work was applied for and refused, and a report on the sanitary condition of the parish is being prepared for the Local Government Board. Houses are being built, and two new streets have been laid out.

At Corby, the approach to the Drinking Trough has been improved, and the public wells protected.

At Geddington, Cranford, and Pytchley, new drains have been laid, and in all parishes the ditches and cesspools have been cleaned out, disinfectants have been supplied, and in all infectious cases the houses have been disinfected.

Rules have been adopted by the Council, by which the men employed on the Highways are to notify to the Inspector any nuisance arising in the parish in which they work. A set of drain cleaning rods have been purchased for public use, which may also be used privately at a small charge.

Yours obediently,

HERBERT NORWOOD,

Inspector of Nuisances.

87, Broadway, Kettering.

January, 1897.